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SUGHRUE MION, PLLC

February 19, 2002

BOX PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Re: Application of Keigo BANNO, Hideki ISHIKAWA, Yoshikuni SATO, Noboru ISHIDA
and Takafumi OSHIMA
ULTRASONIC-WAVE PROPAGATION-TIME MEASURING METHOD AND GAS
CONCENTRATION SENSOR
Assignee: NGK SPARK PLUG CO., LTD.
Our Ref. Q68513

Dear Sir:

Attached hereto is the application identified above comprising twenty-seven (27) sheets of the specification, including the claims and abstract and , nine (9) sheets of drawings. **The executed Declaration and Power of Attorney and Assignment will be submitted at a later date.** Also enclosed is an Information Disclosure Statement and PTO Form 1449 with references.

The Government filing fee is calculated as follows:

Total claims	<u>9 - 20</u>	=	_____ x	\$18.00 =	<u>\$0.00</u>
Independent claims	<u>1 - 3</u>	=	_____ x	\$84.00 =	<u>\$0.00</u>
Base Fee					<u>\$740.00</u>

TOTAL FEE

\$740.00

A check for the statutory filing fee of \$740.00 is attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2001-41680	February 19, 2001

The priority document is enclosed herewith.

Respectfully submitted,
SUGHRUE MION, PLLC

Attorneys for Applicant

By: Abraham J. Rosner
Registration No. 33,276

AJR/tmm